

# CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 12/4/02  
 Edited by: DC (STIC staff)  
 Verified by: WJH

Serial Number: 091171671

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: **REMOVED**
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error \_\_\_\_\_)
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error \_\_\_\_\_)

Examiner: \_\_\_\_\_ The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form

fit

1.  $\frac{1}{2}$  2.  $\frac{1}{2}$  3.  $\frac{1}{2}$  4.  $\frac{1}{2}$  5.  $\frac{1}{2}$  6.  $\frac{1}{2}$  7.  $\frac{1}{2}$  8.  $\frac{1}{2}$  9.  $\frac{1}{2}$  10.  $\frac{1}{2}$

[illegible]

File Name: N:\CRF4\12032002\I171671.raw

13400

## RAW SEQUENCE LISTING

PATENT APPLICATION NO: US/09/171,671

DATE: 11-04-2009

TIME: 14:14

Input File: A:\PTO.DC.txt

Output File: N:\CRF4\12032002\I171671.raw

64 &gt;&gt;&gt; peptide

65 &gt;&gt;&gt; FEATURE:

66 &gt;&gt;&gt; NAME KEY: M1\_PEP

67 &gt;&gt;&gt; ORIGIN: 1

68 &gt;&gt;&gt; OTHER INFORMATION: N/A

69 &gt;&gt;&gt; FEATURE:

70 &gt;&gt;&gt; OTHER INFORMATION: 9-TERM AMINATION

71 &gt;&gt;&gt; LENGTH: 1

W--&gt; 75 Val Ala Xaa Ser Tyr Asp

76 &gt;&gt;&gt; peptide

77 &gt;&gt;&gt; FEAT, 11 13: 1

78 &gt;&gt;&gt; LENGTH: 1

79 &gt;&gt;&gt; TYPE: IFC

80 &gt;&gt;&gt; ORGANISM: Artificial Sequence

81 &gt;&gt;&gt; FEATURE:

82 &gt;&gt;&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

83 &gt;&gt;&gt; peptide

84 &gt;&gt;&gt; FEATURE:

85 &gt;&gt;&gt; NAME KEY: M1\_PEP

86 &gt;&gt;&gt; ORIGIN: 1

87 &gt;&gt;&gt; OTHER INFORMATION: N/A

88 &gt;&gt;&gt; FEATURE:

89 &gt;&gt;&gt; OTHER INFORMATION: 9-TERM AMINATION

90 &gt;&gt;&gt; LENGTH: 1

W--&gt; 97 Ala Xaa Ser Tyr Asp

91 &gt;&gt;&gt; peptide

92 &gt;&gt;&gt; FEAT, 11 13: 4

93 &gt;&gt;&gt; LENGTH: 1

94 &gt;&gt;&gt; TYPE: IFC

95 &gt;&gt;&gt; ORGANISM: Artificial Sequence

96 &gt;&gt;&gt; FEATURE:

97 &gt;&gt;&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

98 &gt;&gt;&gt; peptide

99 &gt;&gt;&gt; FEATURE:

100 &gt;&gt;&gt; NAME KEY: M1\_PEP

101 &gt;&gt;&gt; ORIGIN: 1

102 &gt;&gt;&gt; OTHER INFORMATION: N/A

103 &gt;&gt;&gt; FEATURE:

104 &gt;&gt;&gt; OTHER INFORMATION: 9-TERM AMINATION

105 &gt;&gt;&gt; LENGTH: 4

W--&gt; 119 Val Ala Xaa Ser Tyr Asp

106 &gt;&gt;&gt; peptide

107 &gt;&gt;&gt; FEAT, 11 13: 1

108 &gt;&gt;&gt; LENGTH: 1

## RAW SEQUENCE LISTING

PATENT APPLICATION NO: US/09/171,671

DATE: 11-04-2009

TIME: 11:10:10

Input File: A:\PTO.DC.txt

Output File: N:\CRF4\12032002\I171671.raw

138 &lt;11&gt; FEATURE:

139 &lt;11&gt; NAME/KEY: MW: SEC

140 &lt;11&gt; INFORMATION: {}

141 &lt;11&gt; OTHER INFORMATION: NO

142 &lt;11&gt; FEATURE:

143 &lt;11&gt; OTHER INFORMATION: C-TERM AMINATION

144 &lt;11&gt; SEQUENCE: {}

W--&gt; 141 Val Ala Xaa Ser Tyr

145 &lt;11&gt; NAME/KEY: MW: SEC

146 &lt;11&gt; INFORMATION: {}

147 &lt;11&gt; LENGTH: 4

148 &lt;11&gt; TYPE: SEC

149 &lt;11&gt; ORGANISM: Artificially Synthesized

150 &lt;11&gt; FEATURE:

151 &lt;11&gt; OTHER INFORMATION: Description: Artificially Synthesized

152 &lt;11&gt; peptide

153 &lt;11&gt; FEATURE:

154 &lt;11&gt; NAME/KEY: MW: SEC

155 &lt;11&gt; INFORMATION: {}

156 &lt;11&gt; OTHER INFORMATION: NO

157 &lt;11&gt; FEATURE:

158 &lt;11&gt; OTHER INFORMATION: C-TERM AMINATION

159 &lt;11&gt; SEQUENCE: {}

W--&gt; 163 Ala Xaa Ser Tyr Asp

160 &lt;11&gt; NAME/KEY: MW: SEC

161 &lt;11&gt; INFORMATION: {}

162 &lt;11&gt; LENGTH: 4

163 &lt;11&gt; TYPE: SEC

164 &lt;11&gt; ORGANISM: Artificially Synthesized

165 &lt;11&gt; FEATURE:

166 &lt;11&gt; OTHER INFORMATION: Description: Artificially Synthesized

167 &lt;11&gt; peptide

168 &lt;11&gt; FEATURE:

169 &lt;11&gt; NAME/KEY: MW: SEC

170 &lt;11&gt; INFORMATION: {}

171 &lt;11&gt; OTHER INFORMATION: NO

172 &lt;11&gt; FEATURE:

173 &lt;11&gt; OTHER INFORMATION: C-TERM AMINATION

174 &lt;11&gt; SEQUENCE: {}

W--&gt; 185 Val Ala Xaa Ser Tyr

175 &lt;11&gt; NAME/KEY: MW: SEC

176 &lt;11&gt; INFORMATION: {}

177 &lt;11&gt; LENGTH: 4

178 &lt;11&gt; TYPE: SEC

179 &lt;11&gt; ORGANISM: Artificially Synthesized

180 &lt;11&gt; FEATURE:

181 &lt;11&gt; OTHER INFORMATION: Description: Artificially Synthesized

182 &lt;11&gt; peptide

183 &lt;11&gt; FEATURE:

184 &lt;11&gt; NAME/KEY: MW: SEC

185 &lt;11&gt; INFORMATION: {}

186 &lt;11&gt; OTHER INFORMATION: NO

187 &lt;11&gt; FEATURE:

188 &lt;11&gt; OTHER INFORMATION: C-TERM AMINATION

189 &lt;11&gt; SEQUENCE: {}

## RAW SEQUENCE LISTING

US/09/171,671

[illegible]

1. *Chlorophyll a* (Chl *a*)

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C:\Program Files\Microsoft Office\Office12>
C:\Program Files\Microsoft Office\Office12> : A:\PTO.DC.txt

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..... : N:\CRF4\12032002\I171671.raw

W--> 239 Xaa Val Ala Xaa Ser

## RAW SEQUENCE LISTING

US/09/171,671

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* and *Agaricus bisporus* spores on the growth of *Agaricus bisporus*. The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (a) and 10<sup>7</sup> spores/g of substrate (b). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (c) and 10<sup>7</sup> spores/g of substrate (d). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (e) and 10<sup>7</sup> spores/g of substrate (f). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (g) and 10<sup>7</sup> spores/g of substrate (h). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (i) and 10<sup>7</sup> spores/g of substrate (j). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (k) and 10<sup>7</sup> spores/g of substrate (l). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (m) and 10<sup>7</sup> spores/g of substrate (n). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (o) and 10<sup>7</sup> spores/g of substrate (p). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (q) and 10<sup>7</sup> spores/g of substrate (r). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (s) and 10<sup>7</sup> spores/g of substrate (t). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (u) and 10<sup>7</sup> spores/g of substrate (v). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (w) and 10<sup>7</sup> spores/g of substrate (x). The concentration of the *Agaricus bisporus* spores was 10<sup>6</sup> spores/g of substrate (y) and 10<sup>7</sup> spores/g of substrate (z).

1.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$  2.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$  3.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

File Name : A:\PTO.DC.txt

File Name: N:\CRF4\12032002\I171671.raw

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Sponholz (1980).

W--> 266 Xaa Val Ala Xaa Ser Phe Asp

W--> 293 Xaa Val Ala Xaa Ser Tyr Asp

W--> 320 Xaa Val Ala Xaa Ser Ala Asp

## RAW SEQUENCE LISTING ERROR SUMMARY

US/09/171,671

1.  $\frac{1}{2}$       2.  $\frac{1}{3}$       3.  $\frac{1}{4}$       4.  $\frac{1}{5}$       5.  $\frac{1}{6}$       6.  $\frac{1}{7}$       7.  $\frac{1}{8}$       8.  $\frac{1}{9}$       9.  $\frac{1}{10}$       10.  $\frac{1}{11}$       11.  $\frac{1}{12}$       12.  $\frac{1}{13}$       13.  $\frac{1}{14}$       14.  $\frac{1}{15}$       15.  $\frac{1}{16}$       16.  $\frac{1}{17}$       17.  $\frac{1}{18}$       18.  $\frac{1}{19}$       19.  $\frac{1}{20}$       20.  $\frac{1}{21}$       21.  $\frac{1}{22}$       22.  $\frac{1}{23}$       23.  $\frac{1}{24}$       24.  $\frac{1}{25}$       25.  $\frac{1}{26}$       26.  $\frac{1}{27}$       27.  $\frac{1}{28}$       28.  $\frac{1}{29}$       29.  $\frac{1}{30}$       30.  $\frac{1}{31}$       31.  $\frac{1}{32}$       32.  $\frac{1}{33}$       33.  $\frac{1}{34}$       34.  $\frac{1}{35}$       35.  $\frac{1}{36}$       36.  $\frac{1}{37}$       37.  $\frac{1}{38}$       38.  $\frac{1}{39}$       39.  $\frac{1}{40}$       40.  $\frac{1}{41}$       41.  $\frac{1}{42}$       42.  $\frac{1}{43}$       43.  $\frac{1}{44}$       44.  $\frac{1}{45}$       45.  $\frac{1}{46}$       46.  $\frac{1}{47}$       47.  $\frac{1}{48}$       48.  $\frac{1}{49}$       49.  $\frac{1}{50}$       50.  $\frac{1}{51}$       51.  $\frac{1}{52}$       52.  $\frac{1}{53}$       53.  $\frac{1}{54}$       54.  $\frac{1}{55}$       55.  $\frac{1}{56}$       56.  $\frac{1}{57}$       57.  $\frac{1}{58}$       58.  $\frac{1}{59}$       59.  $\frac{1}{60}$       60.  $\frac{1}{61}$       61.  $\frac{1}{62}$       62.  $\frac{1}{63}$       63.  $\frac{1}{64}$       64.  $\frac{1}{65}$       65.  $\frac{1}{66}$       66.  $\frac{1}{67}$       67.  $\frac{1}{68}$       68.  $\frac{1}{69}$       69.  $\frac{1}{70}$       70.  $\frac{1}{71}$       71.  $\frac{1}{72}$       72.  $\frac{1}{73}$       73.  $\frac{1}{74}$       74.  $\frac{1}{75}$       75.  $\frac{1}{76}$       76.  $\frac{1}{77}$       77.  $\frac{1}{78}$       78.  $\frac{1}{79}$       79.  $\frac{1}{80}$       80.  $\frac{1}{81}$       81.  $\frac{1}{82}$       82.  $\frac{1}{83}$       83.  $\frac{1}{84}$       84.  $\frac{1}{85}$       85.  $\frac{1}{86}$       86.  $\frac{1}{87}$       87.  $\frac{1}{88}$       88.  $\frac{1}{89}$       89.  $\frac{1}{90}$       90.  $\frac{1}{91}$       91.  $\frac{1}{92}$       92.  $\frac{1}{93}$       93.  $\frac{1}{94}$       94.  $\frac{1}{95}$       95.  $\frac{1}{96}$       96.  $\frac{1}{97}$       97.  $\frac{1}{98}$       98.  $\frac{1}{99}$       99.  $\frac{1}{100}$       100.  $\frac{1}{101}$       101.  $\frac{1}{102}$       102.  $\frac{1}{103}$       103.  $\frac{1}{104}$       104.  $\frac{1}{105}$       105.  $\frac{1}{106}$       106.  $\frac{1}{107}$       107.  $\frac{1}{108}$       108.  $\frac{1}{109}$       109.  $\frac{1}{110}$       110.  $\frac{1}{111}$       111.  $\frac{1}{112}$       112.  $\frac{1}{113}$       113.  $\frac{1}{114}$       114.  $\frac{1}{115}$       115.  $\frac{1}{116}$       116.  $\frac{1}{117}$       117.  $\frac{1}{118}$       118.  $\frac{1}{119}$       119.  $\frac{1}{120}$       120.  $\frac{1}{121}$       121.  $\frac{1}{122}$       122.  $\frac{1}{123}$       123.  $\frac{1}{124}$       124.  $\frac{1}{125}$       125.  $\frac{1}{126}$       126.  $\frac{1}{127}$       127.  $\frac{1}{128}$       128.  $\frac{1}{129}$       129.  $\frac{1}{130}$       130.  $\frac{1}{131}$       131.  $\frac{1}{132}$       132.  $\frac{1}{133}$       133.  $\frac{1}{134}$       134.  $\frac{1}{135}$       135.  $\frac{1}{136}$       136.  $\frac{1}{137}$       137.  $\frac{1}{138}$       138.  $\frac{1}{139}$       139.  $\frac{1}{140}$       140.  $\frac{1}{141}$       141.  $\frac{1}{142}$       142.  $\frac{1}{143}$       143.  $\frac{1}{144}$       144.  $\frac{1}{145}$       145.  $\frac{1}{146}$       146.  $\frac{1}{147}$       147.  $\frac{1}{148}$       148.  $\frac{1}{149}$       149.  $\frac{1}{150}$       150.  $\frac{1}{151}$       151.  $\frac{1}{152}$       152.  $\frac{1}{153}$       153.  $\frac{1}{154}$       154.  $\frac{1}{155}$       155.  $\frac{1}{156}$       156.  $\frac{1}{157}$       157.  $\frac{1}{158}$       158.  $\frac{1}{159}$       159.  $\frac{1}{160}$       160.  $\frac{1}{161}$       161.  $\frac{1}{162}$       162.  $\frac{1}{163}$       163.  $\frac{1}{164}$       164.  $\frac{1}{165}$       165.  $\frac{1}{166}$       166.  $\frac{1}{167}$       167.  $\frac{1}{168}$       168.  $\frac{1}{169}$       169.  $\frac{1}{170}$       170.  $\frac{1}{171}$       171.  $\frac{1}{172}$       172.  $\frac{1}{173}$       173.  $\frac{1}{174}$       174.  $\frac{1}{175}$       175.  $\frac{1}{176}$       176.  $\frac{1}{177}$       177.  $\frac{1}{178}$       178.  $\frac{1}{179}$       179.  $\frac{1}{180}$       180.  $\frac{1}{181}$       181.  $\frac{1}{182}$       182.  $\frac{1}{183}$       183.  $\frac{1}{184}$       184.  $\frac{1}{185}$       185.  $\frac{1}{186}$       186.  $\frac{1}{187}$       187.  $\frac{1}{188}$       188.  $\frac{1}{189}$       189.  $\frac{1}{190}$       190.  $\frac{1}{191}$       191.  $\frac{1}{192}$       192.  $\frac{1}{193}$       193.  $\frac{1}{194}$       194.  $\frac{1}{195}$       195.  $\frac{1}{196}$       196.  $\frac{1}{197}$       197.  $\frac{1}{198}$       198.  $\frac{1}{199}$       199.  $\frac{1}{200}$       200.  $\frac{1}{201}$       201.  $\frac{1}{202}$       202.  $\frac{1}{203}$       203.  $\frac{1}{204}$       204.  $\frac{1}{205}$       205.  $\frac{1}{206}$       206.  $\frac{1}{207}$       207.  $\frac{1}{208}$       208.  $\frac{1}{209}$       209.  $\frac{1}{210}$       210.  $\frac{1}{211}$       211.  $\frac{1}{212}$       212.  $\frac{1}{213}$       213.  $\frac{1}{214}$       214.  $\frac{1}{215}$       215.  $\frac{1}{216}$       216. <

File Name : A:\PTO.DC.txt

..... : N:\CRF4\12032002\I171671.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

[illegible]

# RAW SEQUENCE LISTING ERROR SUMMARY

US/09/171,671

[illegible]

File Name : A:\PTO.DC.txt

..... : N:\CRF4\12032002\I171671.raw

[illegible]



## VERIFICATION SUMMARY

US/09/171,671

1.  $\frac{1}{2}$  2.  $\frac{1}{2}$  3.  $\frac{1}{2}$  4.  $\frac{1}{2}$  5.  $\frac{1}{2}$  6.  $\frac{1}{2}$  7.  $\frac{1}{2}$  8.  $\frac{1}{2}$  9.  $\frac{1}{2}$  10.  $\frac{1}{2}$

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

File Name : A:\PTO.DC.txt

File Name: N:\CRF4\12032002\I171671.raw

[illegible]

## VERIFICATION SUMMARY

PATENT ABSTRACT VOL. 1: US/09/171,671

File Name : A:\PTO.DC.txt

File Name: N:\CRF4\12032002\I171671.raw

[illegible]